

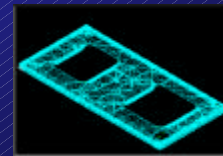
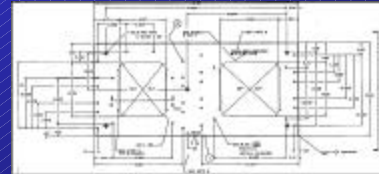


ENGINEERING SERVICES

COMPUTER AIDED ENGINEERING



- **SYSTEM SOFTWARE**
 - PRO-ENGINEER 2000 i2
 - CADD5 5
 - AUTOCAD 2000 I
 - COSMOS
 - THEDA
- **3-D SOLID PARAMETRIC MODELING**
- **3-D PROJECT VISUALIZATION**
- **NUMERICAL CODE (NC) GENERATION**
- **FINITE ELEMENT ANALYSIS**
- **MECHANICAL & ELECTRICAL DRAWINGS**
- **PCB DESIGN**





ENGINEERING SERVICES FLEXIBLE COMPUTER INTEGRATED MANUFACTURING (FCIM)





ENGINEERING SERVICES FLEXIBLE COMPUTER INTEGRATED MANUFACTURING (FCIM)



- SINGLE & DOUBLE-SIDED, THROUGH HOLE PLATED OR MULTI-LAYER PRINTED WIRING ASSEMBLIES
- CABLE / WIRING HARNESSSES
- NEW DESIGN OR REVERSE ENGINEERED
 - LOW VOLUME PRODUCTION
 - DATED TECHNOLOGY / OBSOLETE PARTS
 - INDUSTRY NON-RESPONSIVE / DELIVERY SCHEDULE INTOLERABLE / COST IS EXORBITANT
- RAPID ACQUISITION OF MANUFACTURED PARTS (RAMP)
- RAPID PROTOTYPE CAPABILITY

5R

JOBYHANNA
ARMY DEPOT EXCELLENCE
IN ELECTRONICS



6L

TOBYHANNA
ARMY DEPOT
EXCELLENCE
IN ELECTRONICS



FCIM INFRASTRUCTURE



- RAMP - RAPID ACQUISITION OF MANUFACTURED PARTS
- CAE - COMPUTER-AIDED ENGINEERING
- IDE - INTEGRATED DATA ENVIRONMENT
- JCALS - JOINT COMPUTER-AIDED ACQUISITION & LOGISTICS SUPPORT
- JEDMICS - JOINT ENGR DATA MGMT INFO CONTROL SYS
- EDI - ELECTRONIC DATA INTERCHANGE
- AGILE MANUFACTURING



OVERHAUL SATELLITE COMMUNICATIONS



AN/TSC- 85



SATCOM DCSS SITE



AN/TSC-93C TACTICAL SATELLITE SYSTEM



OE-222 ANTENNA



OVERHAUL SATELLITE COMMUNICATIONS



- ELECTRONIC / MECHANICAL REPAIR & TEST TO LRU / SRU
- SHELTER REFURBISHMENT
- FULL SYSTEM LEVEL TEST
- TECHNICAL ASSISTANCE (ON-SITE / TELEPHONIC)
 - TACTICAL AND STRATEGIC TERMINALS
 - AN/TSC-85B, AN/TSC-93B, AN/FSC-78, AN/GSC-49
 - TACTICAL, STRATEGIC AND PHASED ARRAY ANTENNAS
 - AS-3036, OE-371, OE-222, AN/MSQ-118
- MAINTAIN, REBUILD AND MODIFY THROUGH UPGRADES
 - DIGITAL COMMUNICATIONS SATELLITE SUBSYSTEM (DCSS)